

# **SURESH KRISHNA .G**

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## **OBJECTIVE**

**Achievement-Driven Professional**, seeking senior level assignments in **Testing and Commissioning / Operation & Maintenance / Protection / Erection and Installation / Fabrication and Assembly** with a growth oriented organization of repute in **Manufacturing Industry** and intending to work as an **Electrical Engineer in a Core Field** and to create the potential growth for the mutual success.

## **PROFESSIONAL EXPERIENCE**

- **Bachelor in Electrical and Electronics Engineering** with **3 Years and 1 Months** of Experience in **Electrical Field** and Co-ordination with the well - known organization in India.
- **Present Organization** : Designated as a **Project Engineer** in **GODREJ & BOYCE MFG. CO. LTD., A Godrej Group Company (Electrical and Electronics Division)** at **Bangalore (KA)**, have experience and knowledge in **Testing and Commissioning, Fabrication, Assembly, Erection and Installations of HV and LV Busducts, LV Panels like AMF, APFC, PCC, MCC.,** was the primary focus from **January 2020 to Till date.**
- **Previous Organization** : Designated as an **Electrical Engineer** in **NAVAYUGA ENGINEERING COMPANY LTD., (A Core Infrastructure Company)** at **Hyderabad (TS)**, have experience and knowledge in **Operation & Maintenance, Erection, Installation, Testing and Commissioning of HV and LV Power systems, 6.5 MW HT Motors and O & M of 220kV/11kV Substation and its CRP Room, etc.,** was the primary focus from **August 2019 to December 2019.**
- **Previous Organization** : As an **Electrical Engineer** in **INEL POWER SYSTEMS ENGINEERS PVT LTD., (T/C Company)** at **Hyderabad (TS)**, have experience and knowledge in **Testing and Commissioning of HV and LV Power systems, Motors, Transformers, Solar Panels, etc.,** was the primary focus from **May 2018 to August 2019.**
- **Previous Organization** : Designated as an **Electrical Engineer** in **THANGAMANI INDUSTRIAL ENGINEERING WORKS.,** at **Thoothukudi (TN)**, have experience and knowledge in **Servicing and Wiring of Electrical Equipments, LT Panels** was the primary focus from **May 2017 to May 2018.**

## **JOB PROFILE**

- Erection and Installation, O & M of HT and LT Switchgears, HT Motors, Transformers, etc.
- Fabrication, Assembly, Erection and Installations, Testing and Commissioning of SPBD, NSPBD, Sandwich Busducts from 415 V to 11 kV up to 3600 A and with Labor Assessment for planning.
- Hands-on experience in T/C of all Electrical Equipments from 415 V to 220 kV systems.

- Testing of Protection Equipments like CT, PT, CVT, CB, ISO, Relays, Meters, LA and its Counters.
- Testing of Power Transformer (Up to 100MVA and different ratings) with Protection Schemes and their various Functional Protection Tripping.
- Testing of HT Motors with Protection Schemes and their various Functional Protection Tripping.
- High Voltage Testing for Power Cables and Bus Bars and Bus Ducts.
- Testing of Switchgear Panels, Control and Relay Panels of various sites, Substation and their overall Scheme Checking.
- Testing of various types of Relays like Feeder, Motor and Transformer Protection.
- Testing of Solar Panels (Voltage Open Circuit Test and Current Short Circuit Test).
- Testing of Busducts (IR Test, HV Test, Temperature Rise Test).

## **FAMILIARIZATION & HANDLING IN TESTING EQUIPMENTS**

- Tan-Delta Test Kit (ACTS 12K) - Eltel.
- High Potential Test Kit (Up to 70 kV) - Prayog.
- Temp. Rise Test (Up to 5000 A) - Boosters-Kalpa, DAS-Yokogawa, Thermocouple-Heatcon.
- Analog & Digital Insulation Resistance Test Kit - Waco / Kyoritsu / Metrel.
- Contact Resistance Measurement Test Kit - Scope.
- 3 Pole Time Interval Test Kit - Scope.
- Digital Micro Ohm Meter (Up to 100 A DC) - Eltel.
- Transformer Turns Ratio Meter - Eltel.
- Transformer Winding Resistance Meter - Microdyne / Scope.
- Single Phase Automatic/Manual Relay Test Kit - Sudharsan / ISA.
- 3 Phase Secondary Injection Relay Test Kit - Omicron.
- Phantom Loading Kit (Offline Energy Meter Test Kit).
- Digital Multimeter, Clampmeter of various make like Fluke / Kyoritsu / Lutron.
- Primary Injection Test Kit - Sudharsan.
- Soil Resistivity Kit/Earth Pit Kit - Kyoritsu / Waco.

## **PROJECTS UNDERTAKEN**

### **(I)FOR GODREJ & BOYCE MFG. CO LTD.,**

- 1. Project :** TELANGANA SUPER CRITICAL THERMAL POWER PROJECT (2 × 800 MW).  
**Client :** NTPC LTD (GOVT OF INDIA).  
• Involved in Assembly and Testing of Segregated Phase Busducts (11 kV, 3600 A).
- 2. Project :** KALEESWARAM LIFT IRRIGATION SCHEME - PACKAGE -14 (PH-I,II) (TS)  
**Client :** MEGHA ENGG INFRASTRUCTURES LIMITED, HYDERABAD(TS).  
• Involved in Assembly and Testing of Segregated Phase Busducts (11 kV, 2500 A).
- 3. Project :** DOLVI - HOT STRIP MILL - 2, UTILITY, PELLET PLANT, CAPTIVE POWER PLANT.  
**Client :** JSW STEEL LTD – DOLVI WORKS (MH).

- Involved in Assembly, Testing & Commissioning and Installations Segregated Phase Busducts and Non Segregated Phase Busducts (6.6 kV, 3150 A & 415 V, 3200 A).

**4. Project : AMMONIA PLANT ENERGY REDUCTION PROJECT.**

**Client : SOUTHERN PETROCHEMICAL INDUSTRIES CORPORATION LTD (SPIC)(TN).**

- Involved in Assembly and Testing of Non Segregated Phase Busducts (440 V,3200 A).

**5. Project : CAIRN OIL & GAS PROJECT (VEDANTA LTD) (RJ).**

**Client : L & T HYDROCARBON ENGINEERING LIMITED.**

- Involved in Assembly and Testing of Sandwich Busducts (415 V, 4000 A).

**6. Fabrication, Assembly, Testing of SPBD, NSPBD, Sandwich Busducts for various Projects.**

**(II)FOR NAVAYUGA ENGINEERING COMPANY LTD.,**

**1. Project : (8×6.5 MW) INDIRANNA FLOOD FLOW CANAL PROJECT, PHASE - I,II,III (TS).**

**Client : TELANGANA IRRIGATION AND CAD DEPARTMENT.**

- Involved in Erections, Installations, Testing and Commissioning, Operation & Maintainance of 11 kV HT and LT Switchgears, 6.5 MW HT Motors, SCADA, Distributed Control Systems, Excitation Systems, Cooling Systems, HS Lubricating Systems, Compressed - Air Braking Systems, Instrumentations(RTD and Level Transmitter, Vibration Sensor), DG Set (500 KVA), EOT Crane (60 TON) and their scheme checking.
- Involved in Operation & Maintenance of (2×60 MVA) 220kV/11kV Substation and its CRP Room.

**(III)FOR INEL POWER ENGINEERS PVT LTD.,**

**1. Project : (8×127 MW) KALEESWARAM PROJECT PACKAGE-06 (TS).**

**Client : NAVAYUGA ENGINEERING COMPANY LTD, HYDERABAD(TS).**

- Involved in Testing and Pre-Commissioning of 11kV HT and LT Switchgears, Cables, Bus Ducts, Protection Equipments and their Scheme Checking.

**2. Project : (8×1.6 MW) NMDC INTAKE WELL PUMPHOUSE (CG).**

**Client : MEGHA ENGG INFRASTRUCTURES LIMITED, HYDERABAD(TS).**

- Involved in Testing and Commissioning of 33/6.6 kV HT and LT Switchgears, Cables, Bus Ducts, Protection Equipments, Transformers, Auxiliary Transformers and their scheme checking.
- Involved in Testing and Commissioning of 6.6 kV HT Synchronous Motors.

**3. Project : (8×4.7 MW) PURUSHOTHAPATNAM LIFT IRRIGATION SCHEME 1&2 (AP).**

**Client : MEGHA ENGG INFRASTRUCTURES LIMITED, HYDERABAD(TS).**

- Involved in Testing of Indoor 11kV HT and LT Switchgears, Cables, Bus Bars, Protection Equipments and their Scheme Checking.

**4. Project : (1 × 10 MVA) 110KV/11KV SUBSTATION, BENNUR(KA)**

**Client :** KARNATAKA POWER TRANSMISSION CORPORATION LIMITED.

- Involved in Testing and Commissioning of overall 110kV Switchyard, Protection Equipments and their scheme checking.
- Involved in Tan-Delta Testing of CT, PT, Power Transformer.

**5. Project :** 1 × 10 MVA 66kV/11kV SUBSTATION, MANDHYA(KA).

**Client :** KARNATAKA POWER TRANSMISSION CORPORATION LIMITED.

- Involved in Testing and Commissioning of overall 66kV Switchyard, Protection Equipments and their scheme checking and Hipot Testing for Over Head Lines.
- Involved in Tan-Delta Testing of CT, PT, Power Transformer.

**6. Project :** 100MW (5×20) SOLAR POWER PLANT, TADIPADRI(AP).

**Client :** ANDHRA PRADESH POWER GENERATION CORPORATION LIMITED.

- Involved in Testing and Commissioning of Solar Panels, 33kV HT and LT (ICR & MCR) Switchgears, Cables, Bus Bars, Protection Equipments, Transformers and their Scheme Checking.

**7. Project :** 11.973 MWp 9.66 MW AC GMFT SOLAR PV PLANT , CEPL, MADURAI(TN).

**Client :** SOLON INDIA PRIVATE LIMITED, HYDERABAD(TS).

- Involved in Testing and Commissioning of Solar Panels, 33kV HT and LT (ICR & MCR) Switchgears, Cables, Bus Bars, Protection Equipments, Transformers and their Scheme Checking.

**8. Project :** 3.75 MW SOLAR POWER PLANT, CHITTORGARH(RJ).

**Client :** BIRLA CEMENTS CORPORATION PVT LTD, CHITTORGARH(RJ).

- Involved in Testing and Commissioning of Solar Panels, 6.6kV HT and LT (ICR & MCR) Switchgears, Cables, Bus Bars, Protection Equipments, Transformers and their Scheme Checking.

**9. Project :** 7.7 MW SOLAR POWER PLANT, RAIHAR(MP).

**Client :** BIRLA CEMENTS CORPORATION PVT LTD, RAIHAR(MP).

- Involved in Testing and Commissioning of Solar Panels, 11kV HT and LT (ICR & MCR) Switchgears, Cables, Bus Bars, Protection Equipments, Transformers and their Scheme Checking.

**10. Project :** 5 MW SOLAR POWER PLANT, JHARSUGUDA(OR).

**Client :** ULTRA TECH CEMENTS PVT LTD, JHARSUGUDA(OR).

- Involved in Testing and Commissioning of Solar Panels, 11kV HT and LT (ICR & MCR) Switchgears, Cables, Bus Bars, Protection Equipments, Transformers and their Scheme Checking.

**11. Project :** ELECTRICAL MAINTENANCE.

**Client :** SOUTH INDIA CEMENTS PVT LTD, GULBARGA(KA).

- Involved in Testing of Indoor 6.6kV HT and LT Switchgears, Protection Equipments and their Scheme Checking.

**12.Project : ELECTRICAL MAINTENANCE.**

**Client : NAGARJUNA AGRO CHEM LTD, SRIKAKULAM(AP).**

- Involved in Testing of Indoor 11kV HT and LT Switchgears, Protection Equipments and their Scheme Checking.

**13.Project : FACTORY TESTING.**

**Client : PETE HAMMOND TRANSFORMERS, HYDERABAD(TS).**

- Involved in Tan-Delta Testing of Transformers and Bushings up to 55 MVA.

**14. Attended Channel Partner Training in NIDEC-Control Techniques** formerly **Emerson** a drive-manufacturer company of **AC, DC and SERVO DRIVES**, got hands on experience on those model drives and writing program on those drives through their connect softwares.

**15. Testing of HT Panel, LT Panel, Power Transformers and Motors in various Sites.**

**(IV)FOR THANGAMANI INDUSTRIAL ENGINEERING WORKS.,**

**1. Project : ELECTRICAL MAINTENANCE.**

**Client : THERMAL POWER PLANT, TANGENCO,THOOTHUKUDI(TN).**

- Involved in Servicing of Electrical Equipments, LT Panels and Wirings.

**2. Project : ELECTRICAL MAINTENANCE.**

**Client : DIAMOND SEA FOODS PVT LTD, THOOTHUKUDI(TN).**

- Involved in Servicing of Electrical Equipments, LT Panels and Wirings.

**3. Involved in Servicing of Electrical Equipments, LT Panels and Wirings in Various Sites.**

**ACADEMIC QUALIFICATION**

<b>School / College</b>	<b>Qualification</b>	<b>University / Board</b>	<b>Year of Passing</b>	<b>Percentage / CGPA</b>
AAA College of Engineering and Technology.	B.E (EEE)	Anna University (TN)	2017	7.69(CGPA)
CM Higher Secondary School.	Higher Secondary	Board of Higher Education (TN)	2013	72.66%
ST.Thomas. Mat. Hr. Sec. School.	SSLC	Board of Matriculation (TN)	2011	85.8%

## STRENGTH

- Ability to Co-ordinate work with others.
- Willingness to continue to learn about new methods & technology.
- Good decision making & problem solving skills.
- Ability to travel and work in different places.
- Knowledge in English Typwriting.

## SOFTWARE HANDLING

- Basic knowledge in ETAP (Load Flow Analysis, Short Circuit Analysis, Arc Flash Study, Motor Acceleration Analysis, Cable Pulling).
- Basic knowledge in Softwares like P-SPICE, MATLAB, MS Office, C, C++,Java.

## PERSONAL INFORMATION

Name	:	SURESH KRISHNA .G
Father's Name	:	GANESAN.N
Date of Birth	:	05-10-1995.
Gender	:	Male.
Marital Status	:	Single.
Nationality	:	Indian.
Address	:	113/R, Muthukrishna Puram 2 <sup>nd</sup> St, Thoothukudi, TN, India.
Languages Known	:	Tamil, English, Telugu, Hindi.
Passport No	:	P5459555. (Valid up to 07 November 2026)
Driving License	:	Indian Light Motor Driving License with valid date.

## DECLARATION

I hereby declare that the above given details are true to the best of my knowledge and belief.

**Place :** Thoothukudi.

**Signature**

**Date :**



**(SURESH KRISHNA .G)**